

Claims

What is claimed is:

- [illegible]

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9. The method of claim 1, wherein said securing step comprises the step of compression molding said first layer and said second layer to one another.

10. The method of claim 1, wherein said forming step comprises forming
5 said composite into an acetabular bearing which is adapted to be implanted into an acetabulum of a patient.

11. The method of claim 1, wherein said forming step comprises forming
10 said composite into a glenoid bearing which is adapted to be implanted into a glenoid of a patient.

12. The method of claim 1, wherein said forming step comprises forming
15 said composite into a tibial bearing which is adapted to be implanted into a tibia of a patient.

13. The method of claim 1, wherein said forming step comprises forming
an articulating surface in said first layer.

14. An orthopaedic prosthesis, comprising:
20 an implantable bearing which is prepared by a process comprising the steps of (i) securing a first layer constructed of a polymer to a second layer constructed of a copolymer comprising ethylene and an acrylate so as to create a composite, and (ii) forming said composite into a predetermined shape.

15. The orthopaedic prosthesis of claim 14, wherein said process for preparing said implantable bearing further comprises the step of exposing said first layer to a dose of radiation so as to crosslink said polymer.

16. The orthopaedic prosthesis of claim 14, wherein said acrylate includes
30 methyl methacrylate.

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17. The orthopaedic prosthesis of claim 14, wherein said acrylate includes methyl acrylate.

18. The orthopaedic prosthesis of claim 14, wherein said acrylate includes
5 ethyl acrylate.

19. The orthopaedic prosthesis of claim 14, wherein said acrylate includes butyl methacrylate.

10 20. The orthopaedic prosthesis of claim 14, wherein said acrylate includes ethyl methacrylate.

21. The orthopaedic prosthesis of claim 14, wherein said securing step and said forming step are performed contemporaneously.

15 22. The orthopaedic prosthesis of claim 14, wherein said securing step comprises the step of compression molding said first layer and said second layer to one another.

20 23. The orthopaedic prosthesis of claim 14, wherein said implantable bearing is an acetabular bearing which is adapted to be secured to a acetabulum of a patient.

24. The orthopaedic prosthesis of claim 14, wherein said implantable
25 bearing is a glenoid bearing which is adapted to be implanted into a glenoid of a patient.

25. The orthopaedic prosthesis of claim 14, wherein said implantable bearing is a tibial bearing which is adapted to be implanted into a tibia of a patient.

30 26. The orthopaedic prosthesis of claim 14, wherein said process for preparing said implantable bearing further comprises forming an articulating surface in said first layer.

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27. An implantable bearing for an orthopaedic prosthesis, comprising:
a layer of polymer; and
a layer of copolymer secured to said layer of polymer, said copolymer
comprising ethylene and an acrylate.

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28. The implantable bearing of claim 27, wherein said layer of polymer
and said layer of copolymer are compression molded to one another.

29. The implantable bearing of claim 27, wherein said acrylate includes
10 methyl methacrylate.

30. The implantable bearing of claim 27, wherein said acrylate includes
methyl acrylate.

31. The implantable bearing of claim 27, wherein said acrylate includes
15 ethyl acrylate.

32. The implantable bearing of claim 27, wherein said acrylate includes
butyl methacrylate.

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33. The implantable bearing of claim 27, wherein said acrylate includes
ethyl methacrylate.

34. The implantable bearing of claim 27, wherein:
25 said layer of polymer has an articulating surface defined therein, and
said layer of copolymer has an engaging surface defined therein which is
adapted to be implanted into an acetabulum of a patient.

35. The implantable bearing of claim 27, wherein:
30 said layer of polymer has an articulating surface defined therein, and
said layer of copolymer has an engaging surface defined therein which is
adapted to be implanted into a glenoid of a patient.

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Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
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